

Substitute for form 1449A/PTO (modified)

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Page 1 of 1

Application Number	09/992877
Filing Date	November 5, 2001
First Named Inventor	Klun, Thomas P.
Art Unit	1715
Examiner Name	---
Attorney Case Number	56980US002

**U.S. Patent Documents**

Exam. Init.*	Cite No.	Document Number	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Doc. Number-(Kind Code # Known)			
	A1	US-			
	A2	US-			
	A3	US-			
	A4	US-			
	A5	US-			
	A6	US-			
	A7	US-			
	A8	US-			
	A9	US-			
	A10	US-			
	A11	US-			

**Foreign Patent Documents**

Exam. Init.*	Cite No.	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation (Check if yes)
		Ctry. Code	Number-KindCode (if known)				
	B1	JP	46-25558	07/23/1971			X
	B2	JP	47-20201	06/08/1972			X
	B3	JP	53-15747	05/26/1978			X
	B4	SU	468527	11/07/1980			X
	B5	SU	802429	02/07/1981			X
	B6	SU	802430	02/07/1981			X
	B7						

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Exam. Init.*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
	C1	
	C2	
	C3	

**\*Examiner:****Date Considered:**

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<b>Form PTO-1449 (modified)</b>		<b>Case No.</b> 56980US002	<b>Serial No.</b> 09/992877
<b>List of Patents and Publications for Applicant's</b>  <b>INFORMATION DISCLOSURE STATEMENT</b>  (Use several sheets if necessary)		<b>First Named Inventor</b> Klun, Thomas P.	
		<b>Filing Date:</b> November 5, 2001	<b>Group:</b>
<b>U.S. Patent Documents</b> See Page 1	<b>Foreign Patent Documents</b> See Page 4	<b>Other Art</b> See Page 8	

**U.S. Patent Documents**

Exam. Inlt.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date if App.
	A1	2,701,814	2/8/55	Smith			
	A2	2,732,398	1/24/56	Brice et al.			
	A3	2,803,656	8/20/57	Ahlbrecht et al.			
	A4	3,476,753	11/4/69	Hansen			
	A5	3,674,798	7/4/72	Price et al.			
	A6	3,723,512	3/27/73	Niederprum et al.			
	A7	3,728,151	1/15/68	Sherman et al.			
	A8	3,816,229	6/11/74	Bierbrauber			
	A9	3,896,035	7/22/75	Schultz et al.			
	A10	3,899,563	8/12/75	Oxenrider et al.			
	A11	3,901,727	8/26/75	Loudas			
	A12	3,816,053	10/28/75	Sherman et al.			
	A13	3,922,446	11/25/75	Heyden et al.			
	A14	3,968,066	7/6/76	Mueller			
	A15	4,014,880	3/29/77	Dowd et al.			
	A16	4,043,923	8/26/77	Loudas			
	A17	4,043,964	8/23/77	Sherman et al.			
	A18	4,219,625	8/26/80	Mares et al.			
	A19	4,264,484	4/28/81	Patel			
	A20	4,313,978	2/2/82	Stevens et al.			
	A21	4,335,201	6/15/82	Miller et al.			
	A22	4,439,505	3/27/84	Perlestein et al.			
	A23	4,478,922	10/23/84	Perlestein et al.			

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INFORMATION DISCLOSURE STATEMENT — PTO-1449 (MODIFIED)

<b>Form PTO-1449 (modified)</b>		<b>Case No.</b> 56980US002	<b>Serial No.</b> 09/982877
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		<b>Filing Date:</b> November 5, 2001	<b>Group:</b>
<b>U.S. Patent Documents</b> See Page 1	<b>Foreign Patent Documents</b> See Page 4	<b>Other Art</b> See Page 8	

**U.S. Patent Documents**

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date if App.
	A24	4,582,781	4/15/96	Chen et al.			
	A25	4,624,889	11/25/86	Bries			
	A26	4,831,098	5/16/89	Watanabe et al.			
	A27	4,847,187	7/11/89	Ono et al.			
	A28	4,839,204	7/3/90	Efford			
	A29	4,975,363	12/4/90	Cavallo et al.			
	A30	5,025,052	6/18/91	Crater et al.			
	A31	5,064,699	11/12/91	Havens et al.			
	A32	5,099,026	3/24/92	Crater et al.			
	A33	5,145,727	9/8/92	Potts et al.			
	A34	5,149,576	9/22/92	Potts et al.			
	A35	5,171,641	12/15/92	Roberts et al.			
	A36	5,273,840	12/28/93	Dominey			
	A37	5,274,159	12/28/93	Pellerite et al.			
	A38	5,382,778	1/17/95	Takahira et al.			
	A39	5,448,134	8/29/95	Armand et al.			
	A40	5,451,622	9/19/95	Boardman et al.			
	A41	5,478,488	12/26/95	Incorvia			
	A42	5,502,251	3/28/96	Pohmer et al.			
	A43	5,503,967	4/2/96	Furlan et al.			
	A44	5,514,493	5/7/96	Waddell et al.			
	A45	5,518,788	5/21/96	Invie			
	A46	5,525,261	6/11/96	Incorvia et al.			

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	First Named Inventor <b>Kun, Thomas P.</b>	
	Filing Date: <b>November 5, 2001</b>	Group:
U.S. Patent Documents <i>See Page 1</i>	Foreign Patent Documents <i>See Page 4</i>	Other Art <i>See Page 8</i>

### U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date if App.
	A47	5,534,192	7/9/98	Incorvia et al.			
	A48	5,541,049	7/30/98	Ballerini et al.			
	A49	5,554,664	9/10/98	Lamanna et al.			
	A50	5,580,992	10/01/98	Sargent et al.			
	A51	5,591,482	1/7/97	He et al.			
	A52	5,681,963	10/28/97	Liss			
	A53	5,688,884	11/18/97	Baker et al.			
	A54	5,723,664	3/3/98	Sakaguchi et al.			
	A55	5,874,616	2/23/99	Howells et al.			
	A56	5,965,206	10/12/99	Hiltl et al.			
	A57	6,294,289	9/25/01	Fanta et al.			

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	First Named Inventor <b>Klun, Thomas P.</b>	
	Filing Date: <b>November 5, 2001</b>	Group:
	U.S. Patent Documents <i>See Page 1</i>	Foreign Patent Documents <i>See Page 4</i>

### Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No
	B1	EP 0 331 030 A1	9/06/89	EPO			Yes
	B2	EP 0 363 094 B1	8/4/93	EPO			
	B3	EP 0 398 353 A1	11/22/90	EPO			
	B4	EP 0 416 741 A1	3/13/91	EPO			
	B5	EP 0 047 903 B1	8/29/81	EPO			No
	B6	EP 0 613 462 B1	5/27/93	EPO			
	B7	EP 0 663 612 B1	3/15/00	EPO			
	B8	EP 0 752 711 A1	1/8/97	EPO			
	B9	JP 9-323956	12/16/97	Japan			Yes (English abstract only)
	B10	JP 5-302077	11/16/93	Japan			Yes (English abstract only)
	B11	JP 05289224	11/5/93	Japan			Yes (English abstract only)
	B12	JP 50045055	4/22/75	Japan			Yes (English abstract only)
	B13	JP 08100169	09/18/96	Japan			Yes (English abstract only)
	B14	JP 08092450	4/9/96	Japan			Yes (English abstract only)

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	B15	JP 08208889	8/13/96	Japan			Yes (English abstract only)
	B16	JP 09255939	9/30/97	Japan			Yes (English abstract only)
	B17	JP 11092751	6/24/99	Japan			Yes (English abstract only)
	B18	JP 11116752	4/27/90	Japan			Yes (English abstract only)
	B19	JP 01075534	3/22/89	Japan			Yes (English abstract only)
	B20	JP 55149938	11/21/80	Japan			Yes (English abstract only)
	B21	JP 63071923	4/1/88	Japan			Yes (English abstract only)
	B22	JP 63308032	12/15/88	Japan			Yes (English abstract only)
	B23	JP 63295667	12/2/88	Japan			Yes (English abstract only)
	B24	JP 62225517	10/3/87	Japan			Yes (English abstract only)

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	First Named Inventor <b>Klun, Thomas P.</b>	
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	U.S. Patent Documents <i>See Page 1</i>	Foreign Patent Documents <i>See Page 4</i>

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Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No
	B25	JP 60221442	11/6/85	Japan			Yes (English abstract only)
	B26	WO 96/15479	5/23/96	WIPO			
	B27	WO 96/24929	8/18/96	WIPO			
	B28	WO 97/22578	6/26/97	WIPO			
	B29	WO 97/22659	6/26/97	WIPO			
	B30	WO 97/22660	6/26/97	WIPO			
	B31	WO 99/02611	1/21/99	WIPO			
	B32	WO 99/30381	6/17/99	WIPO			
	B33	WO 01/49925	7/12/01	WIPO			
	B34	WO 01/25326	4/12/01	WIPO			
	B35	SU 749081	12/15/83	Soviet Union			Yes (English abstract only)
	B36	SU 749084	12/15/83	Soviet Union			Yes (English abstract only)
	B37	SU 854949	8/15/81	Soviet Union			Yes (English abstract only)
	B38	SU 448199	10/28/75	Soviet Union			Yes (English abstract only)
	B39	SU 448522	7/16/75	Soviet Union			Yes (English abstract only)

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Exam. Inlt.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No
	B40	SU 427982	6/6/75	Soviet Union			Yes (English abstract only)
	B41	SU 406849	8/1/74	Soviet Union			Yes (English abstract only)
	B42	BE 844200					
	B43	BE 876238	11/14/79	Belgium			Yes (English abstract only)
	B44	DE 2456823					
	B45	DE 4018535	09/28/93	Germany			Yes (English abstract only)
	B46	ZA 9804155	5/18/98	South Africa			

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INFORMATION DISCLOSURE STATEMENT - PTO 1449 (MODIFIED)



Page 8 of 8

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**Other Art (Including Author, Title, Date, Pertinent Pages, Etc.)**

Exam. Init.	Ref. Des.	Citation
	C1	Product Information: "Fatty Amine Ethoxylates," Huntman Corporation, Salt Lake City, UT, (April 9, 2001), 2 pages.
	C2	Product Information: "JEFFAMINE® Polyoxyalkylene Amines," Huntman Corporation, Salt Lake City, UT, (April 9, 2001), 2 pages.
	C3	Book Excerpt: <u>Amphoteric Surfactants</u> , edited by Eric G. Lomax, Marcel Dekker Inc., (1996), pp. 13-17.
	C4	Book Excerpt: <u>Organofluorine Chemicals and Their Industrial Applications</u> , edited by R. E. Banks, Ellis Horwood Ltd. (1979), pp. 53-57.
	C5	Article: Hendricks, "Industrial Fluorochemicals," <u>Ind. Eng. Chem.</u> , Vol. 45, No. 1, (January, 1953), pp. 99-105.
	C6	Article: Bennett et al., "Wetting of Low-Energy Solids by Aqueous Solutions of Highly Fluorinated Acids and Salts," <u>J. Phys. Chem.</u> , Vol. 63, (November, 1959), pp. 1911-1916.
	C7	Book Page: <u>Preparation, Properties, and Industrial Applications of Organofluorine Compounds</u> , edited by R. E. Banks, Ellis Horwood Ltd. (1982), P. 25
	C8	Article: Koshar et al., "Bis(perfluoroalkylsulfonyl)methanes and Related Disulfones," <u>J. Org. Chem.</u> , Vol. 38, No. 19, (1973), pp.3358-3363.
	C9	Article: Wente, "Superfine Thermoplastic Fibers," <u>Industrial and Engineering Chemistry</u> , Vol. 48, No. 8, (August, 1956), pp. 1342-1346.
	C10	Report: Wente et al., "Manufacture of Superfine Organic Fibers," Naval Research Laboratory Report 4384, (May 25, 1954), pp. 1-15.
	C11	Article: Davis, "The Separation of Airborne Dust and Particles", <u>The Institution of Mechanical Engineers</u> , pp. 185-198.
	C12	J. Am. Chem. Soc., "Fluorinated Surfactants and Repellents", Jimmie R. Baran, Jr., Second Edition, Vol. 123, No. 36, 2001.
	C13	ASTM D-257-99, Standard Test Methods for DC Resistance or Conductance of Insulating Materials, pp. 106-115.

**Examiner:****Date Considered:**

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